Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

1. (Currently Amended) A method for delivering content on a network using differential caching, comprising steps of ~~including~~:

receiving ~~generating~~ a request for ~~a set of~~ information from a network;

identifying a static portion and a dynamic portion of a document to be included in a response as the requested ~~said set of~~ information;

caching the ~~said~~ static portion in a memory that is logically local to a client that requested the information ~~performed said step of generating~~;

serving the ~~said~~ static portion in the response to the client from the cached ~~said~~ memory; and

serving the ~~said~~ dynamic portion in the response to the client from ~~said~~ network.

2. (Currently Amended) The [[A]] method of ~~as in~~ claim 1[[,]] wherein the ~~said~~ request is selected from a group consisting of: ~~includes~~ a request for a web page, a request for information from a database, a request for streaming media, and ~~or~~ a request for email.

3. (Currently Amended) The [[A]] method of ~~as in~~ claim 1[[,]] wherein the ~~said~~ request is generated ~~performed~~ by a request-generating element relatively local to ~~said client, wherein said request generating element is local to~~ a browser associated with the ~~said~~ client.

4. (Currently Amended) The [[A]] method of ~~as in~~ claim 3[[,]] wherein the ~~said~~ request-generating element redirects the ~~said~~ request to locations within the ~~said~~ network ~~wherein said static information is independently maintained~~.

5. (Currently Amended) The [[A]] method of ~~as in~~ claim 1[[,]] wherein the identifying ~~said~~ step ~~of identifying~~ is performed using a software element that is logically local to the original provider of the ~~said~~ information.

6. (Currently Amended) The [[A]] method of ~~as in~~ claim 1[[,]] wherein the caching ~~said~~ step ~~of caching also~~ includes caching a tag having~~, wherein said tag provides~~ information concerning a version associated with the ~~said~~ static portion.

7. (Currently Amended) The [[A]] method of ~~as in~~ claim 1 further comprises a step of ~~, also including:~~ comparing a version of the ~~said~~ static information to other versions of the ~~said~~ static information.

8. (Currently Amended) The [[A]] method of ~~as in~~ claim 1[[,]] wherein the ~~said~~ request is generated ~~performed~~ by a browser associated with the ~~said~~ client.

9. (Currently Amended) The [[A]] method of ~~as in~~ claim 1 further comprises a step of ~~, also including:~~ integrating the ~~said~~ static portion and the ~~said~~ dynamic portion.

10. (Currently Amended) The [[A]] method of ~~as in~~ claim 9[[,]] wherein the integrating ~~said~~ step ~~of integrating~~ is performed by a request-generating element coupled to a browser associated with the ~~said~~ client.

11. (Currently Amended) The [[A]] method of ~~as in~~ claim 9[[,]] wherein the integrating ~~said~~ step ~~of integrating~~ is performed using a software element that is logically local to the ~~said~~ memory.

12. (Currently Amended) A content delivery network system, comprising ~~An apparatus, including~~:

a client device operatively configured to generate ~~, including a means for generating~~ a request for information from a network server;

a proxy server operatively configured to respond~~, wherein said proxy server includes a computer program that responds~~ to the request ~~said requests~~ by obtaining the ~~said~~ information, identifying a static portion and a dynamic portion of a document to be included in a response as the requested ~~said~~ information; identifying different versions of the ~~said~~ information, and differentially caching the ~~said~~ static portion in a location that is logically local to the ~~said~~ client device;

a network server[[,]] including the ~~said~~ information; and

a communication network.

13. (Currently Amended) The system of ~~An apparatus as in~~ claim 12[[,]] wherein the ~~said~~ client device is configured to redirect the ~~includes a means for redirecting said~~ request to the ~~said~~ proxy server.

14. (Currently Amended) The system of ~~An apparatus as in~~ claim 13[[,]] wherein the redirection is performed by a software agent ~~said means for redirecting said request is~~ coupled to a browser.

15. (Currently Amended) The system of ~~An apparatus as in~~ claim 12[[,]] wherein the ~~said~~ client device is operatively configured to integrate the ~~includes a means for integrating said~~ static portion and the ~~said~~ dynamic portion of the ~~said~~ information.

16. (Currently Amended) The system of ~~An apparatus as in~~ claim 12[[,]] wherein the ~~said~~ proxy server is operatively configured to integrate the ~~includes a means for integrating said~~ static portion and the ~~said~~ dynamic portion.

17. (Currently Amended) The system of ~~An apparatus as in~~ claim 12 further comprising ~~, including~~ a memory where the ~~said~~ static information is independently cached.

18. (Currently Amended) The system of ~~An apparatus in~~ claim 12[[,]] wherein the ~~said~~ request is selected from a group consisting of: ~~includes~~ a request for a web page, a request for information from a database, a request for streaming media, and ~~or~~ a request for email.

19. (Currently Amended) The system of ~~An apparatus as in~~ claim 12[[,]] wherein the ~~said~~ proxy server is logically local to the original provider of the ~~said~~ information.

20. (Currently Amended) The system of ~~An apparatus as in~~ claim 12 wherein the proxy server is configured to generate ~~, including a computer program for generating~~ a tag having~~, wherein said tag provides~~ information concerning a version associated with the ~~said~~ static portion.

21. (Currently Amended) A memory storing information, including instructions executable by a processor, the ~~said~~ instructions comprising:
recognizing a request from a client for information to a first server;
redirecting the ~~said~~ request to a proxy server other than the first server;
receiving a static portion of a document to be included in a response as the requested ~~said~~ information from a cache in the proxy server;
receiving a dynamic portion of the document to be included in the response as the ~~said~~ information from the first ~~said~~ server;
integrating the ~~said~~ static portion and the ~~said~~ dynamic portion into the document; and
presenting the document in the response to the client ~~said information to a user~~.

22. (Currently Amended) The [[A]] memory of ~~as in~~ claim 21[[,]] wherein the ~~said~~ memory is logically local to a client side browser.

23. (Currently Amended) The [[A]] memory of ~~as in~~ claim 21[[,]] wherein the ~~said~~ memory is logically local to the ~~said~~ proxy server.

24. (Currently Amended) The [[A]] memory of ~~as in~~ claim 21[[,]] wherein the ~~said~~ server is included in a content delivery network.

25. (previously presented) A cache memory storing information, including instructions executable by a processor, the ~~said~~ instructions comprising:
receiving a request for information from a client;
redirecting the ~~said~~ request to a first server;
receiving ~~said~~ information from the first ~~said~~ server, wherein the ~~said~~ information is responsive to the ~~said~~ request;
identifying a static portion of a document to be included in a response as the requested ~~said~~ information; and
comparing the ~~said~~ static portion to other information in the cache memory; and
sending the most recent static portion of the ~~said~~ information to the ~~said~~ client as a partial response.

26. (Currently Amended) The [[A]] memory of ~~as in~~ claim 25[[,]] wherein the ~~said~~ memory is logically local to a proxy server.

27. (Currently Amended) The [[A]] memory of ~~as in~~ claim 25[[,]] also including an instruction for caching the ~~said~~ static portion in the memory.

28. (Currently Amended) The [[A]] memory of ~~as in~~ claim 25[[,]] also including instructions for[[:]] determining if the ~~said~~ client can [[a]] perform a step of integrating the ~~said~~ static portion with a dynamic portion into the document.

29. (Currently Amended) The [[A]] memory of ~~as in~~ claim 28[[,]] including an instruction for:

integrating the ~~said~~ static portion and the ~~said~~ dynamic portion to form the document ~~an integrated portion~~; and

sending the document ~~said~~ integrated portion to the ~~said~~ client as a complete response.